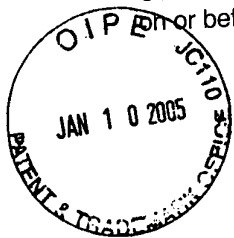


IFW\$

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450 on or before the date shown below.



Eugene R. Montalvo

Date: 6 JANUARY 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Robert I. McNeill, III et al.

Serial No. 10/644,390

Filed August 20, 2003

METHOD FOR MEASURING FLUID CHEMISTRY
IN DRILLING AND PRODUCTION OPERATIONS

Group Art Unit: 2863

Examiner Bryan Bui

January 6, 2005

COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313

Sir:

FEE AND INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein pursuant to 37 C.F.R. § 1.97(c). Full text copies of the relevant documents are enclosed.

For a foreign language document or documents, an English language translation is provided where it is readily available to Applicants' attorney. If no translation is available, an English language counterpart, where available, is provided or an English language abstract, where available, is provided.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialling next to each item submitted by the applicant.


01/12/2005 DEMMANU1 00000042 191800 10644390

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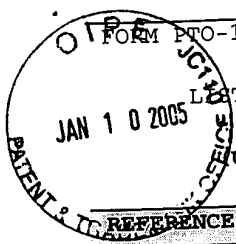
FEE

Please charge the applicable fee of \$180.00 that is required under 37 CFR 1.17(p) for this petition to Shell Oil Company, Deposit Account No. 19-1800.

Respectfully submitted,
Robert I. McNeil, III et al.

By 
Attorney, Eugene R. Montalvo
Registration No. 32,790
(713) 241-0296

P.O. Box 2463
Houston, Texas 77252-2463



FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
TH2032APPLICATION NUMBER
09/644,390APPLICANT
McNeil, III et al.FILING DATE
August 20, 2003GROUP ART UNIT
2863

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	6,306,659	10/23/01	Parce, et al.	436	47	
	AB	6,358,387	3/19/02	Kopf-Sill et al.	204	603	
	AC	5,376,252	12/27/94	Ekstrom, et al.	204	603	
	AD	5,165,292	11/24/92	Prohaska	73	866	
	AE	5,942,443	8/24/99	Parce et al.	436	514	
	AF	6,046,056	4/4/00	Parce et al.	204	403.5	
	AG	5,502,560	3/26/96	Anderson et al.	356	128	
	AH	5,610,708	3/11/97	Anderson et al.	356	128	
	AI	5,760,479	6/2/98	Yang et al.	257	778	
	AJ	5,250,264	10/5/93	Walt et al.	422	82.07	
	AK	5,244,636	9/14/93	Walt et al.	422	8207	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	96/04547	15/2/96	WO	G01N 27	00	X	
	AM							
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

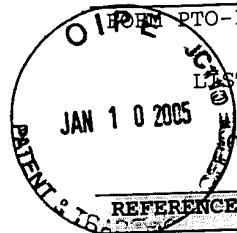
AR	George M. Whitesides and Abraham D. Stroock, "Flexible Methods for Microfluidics", Physics Today Online, pages 1-8.
AS	International Search Report dated 19/08/03.
AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.



FORM PTO-1449 (Modified)

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TH2032APPLICATION NUMBER
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McNeil, III et al.FILING DATE
August 20, 2003GROUP ART UNIT
2863

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	BA	6,171,067	1/9/01	Parce	417	48	
	BB	6,387,290	5/14/02	Brody et al.	216	99	
	BC	5,876,675	3/2/99	Kennedy	422	99	
	BD	5,984,023	11/16/99	Sharma et al.	175	50	
	BE	6,265,179	7/24/01	Zhou et al.	435	28	
	BF	5,049,673	9/17/91	Tsien et al.	546	107	
	BG	5,501,980	3/26/96	Katerinopoulos et al.	436	74	
	BH	5,779,868	7/14/98	Parce et al.	204	604	
	BI	5,800,690	9/1/98	Chow et al.	204	451	
	BJ	5,304,487	4/19/94	Wilding et al.	435	29	
	BK	5,876,675	3/2/99	Kennedy	422	99	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	BL							
	BM							
	BN							
	BO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	
	BT	

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PTO-1449 (Modified) LIST OF INFORMATION PROVIDED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. TH2032	APPLICATION NUMBER 09/644,390
	APPLICANT McNeil, III et al.	
	FILING DATE August 20, 2003	GROUP ART UNIT 2863

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	CA	6.132,685	10/17/00	Kercso et al	422	104	
	CB	6,150,119	11/21/00	Kopf-Sill et al.	435	7.1	
	CC	6,150,180	11/21/00	Parce et al.	436	514	
	CD	6,267,858	7/31/01	Parce et al.	204	600	
	CE	6,274,337	8/14/01	Parce et al.	435	29	
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes No
	CL						
	CM						
	CN						
	CO						

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
CR	
CS	
CT	

EXAMINER

DATE CONSIDERED

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